

IN THE ABSTRACT:

Please replace the existing Abstract with the Replacement Abstract on the attached separate sheet of paper.

ABSTRACT

An arrangement for providing IP mobility for a mobile station. The mobile station has a care-of-address for routing data packets when the MS is away from home. The arrangement includes support nodes, called access nodes, and gateway nodes, and a foreign agent having an IP address. In order to save IP addresses and radio resources, the foreign agent is integrated into one of the support nodes, and the IP address of, or provided by, the foreign agent is also used as the mobile station's care-of-address.